

ROTARY ACCELERATING APPARATUS FOR A VERTICAL  
STRAW AND CHAFF SPREADER OF AN AGRICULTURAL COMBINE

5

Abstract Of The Disclosure

Rotary accelerating apparatus for a vertical  
crop residue spreader of an agricultural combine capable  
10 of receiving, combining and accelerating a relatively  
high velocity of voluminous flow of relatively heavy,  
bulky crop residue including straw and the like  
deflected downwardly from the thresher of the combine,  
and a weaker, less voluminous flow of chaff and air from  
15 the cleaning system of the combine located forwardly of  
the spreader, by generating a negative pressure or  
suction condition in the vicinity of the chaff flow for  
overcoming any undesirable back pressure condition that  
interferes with induction of the crop residue flow from  
20 the cleaning system and which facilitates air flow  
through the chassis region of the combine to reduce  
conditions leading to undesirable dust buildup and other  
problems.